

### **TRIM47 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58501

# **Specification**

# **TRIM47 Polyclonal Antibody - Product Information**

Application WB, IHC-P, IHC-F, IF, E

Primary Accession <u>Q96LD4</u>

Reactivity Rat, Pig, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 70 KDa
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human TRIM47

Epitope Specificity 414-460/638

Isotype Purity

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Cytoplasm. Nucleus.

SIMILARITY Belongs to the TRIM/RBCC family.Contains

1 B box-type zinc finger.Contains 1

B30.2/SPRY domain.Contains 1 RING-type

zinc finger.

Important Note This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

# **Background Descriptions**

TRIM47 belongs to the TRIM/RBCC family. It contains one B box type zinc finger, one B30.2/SPRY domain and one RING type zinc finger. TRIM47 has low expression in most tissues; higher expression in kidney tubular cells and over expressed in astrocytoma tumor cells.

### TRIM47 Polyclonal Antibody - Additional Information

### **Gene ID 91107**

#### **Other Names**

E3 ubiquitin-protein ligase TRIM47, 2.3.2.27, Gene overexpressed in astrocytoma protein, RING finger protein 100, Tripartite motif-containing protein 47, TRIM47 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=19020" target="\_blank">HGNC:19020</a>), GOA, RNF100

# Target/Specificity

Low expression in most tissues. Higher expression in kidney tubular cells. Overexpressed in astrocytoma tumor cells.



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**Dilution** 

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<span class ="dilution WB">WB~~1:1000</span><br \><span class</pre>
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- ="dilution\_IHC-P">IHC-P~~N/A</span><br \><span class
- ="dilution IHC-F">IHC-F~~N/A</span><br \><span class
- ="dilution\_IF">IF $\sim$ 1:50 $\sim$ 200</span><br/>span class ="dilution\_E">E $\sim$ N/A</span>

#### Storage

Store at -20  $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4  $^{\circ}$ C.

## **TRIM47 Polyclonal Antibody - Protein Information**

Name TRIM47 (HGNC:19020)

Synonyms GOA, RNF100

### **Function**

E3 ubiquitin-protein ligase that mediates the ubiquitination and proteasomal degradation of CYLD.

#### **Cellular Location**

Cytoplasm. Nucleus

### **Tissue Location**

Low expression in most tissues. Higher expression in kidney tubular cells. Overexpressed in astrocytoma tumor cells

### **TRIM47 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **TRIM47 Polyclonal Antibody - Images**